

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(whole adj genome adj amplification) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L2	0	(single adj cell adj amplification) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L3	0	(single adj cell adj PCR) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L4	0	(single adj cell adj PCR) and (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:51
L5	48	(PCR) and (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:58
L6	621	(PCR) and (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 18:13
L7	321	taq and pwo adj2 DNA adj polymerase	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 18:14
L8	316	I7 and PCR	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 18:14

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(whole adj genome adj amplification) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L2	0	(single adj cell adj amplification) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L3	0	(single adj cell adj PCR) same (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:50
L4	0	(single adj cell adj PCR) and (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:51
L5	48	(PCR) and (mixture adj2 DNA adj1 polymerases)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/05 17:51

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	216	(reverse adj transcription or RT)near5 (random adj primers)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:40
L3	446	(reverse adj transcription or RT)near5 (random adj primers or hexamers)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:41
L4	438	I3 and PCR	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:46
L5	348	I3 and (polymerase adj1 chain adj1 reaction)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:43
L6	1	I5 and (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:45
L7	0	I2 and (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:45
L8	1	I4 and (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:46
L9	4	dietmaier-wolfgang.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:49
L10	3	ruschoff-josef.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 12:50

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=> s reverse (w) transcription (w) polymerase(w) chain (w) reaction or RT-PCR
L1 237997 REVERSE (W) TRANSCRIPTION (W) POLYMERASE(W) CHAIN (W) REACTION
OR RT-PCR

=> s l1 and (random (w) primers or hexamers)
L2 270 L1 AND (RANDOM (W) PRIMERS OR HEXAMERS)

=> s l2 and (DNA (1a) polymerase (2a) mixture)
L3 0 L2 AND (DNA (1A) POLYMERASE (2A) MIXTURE)

=> s l2 and (DNA (w) polymerase (s) mixture)
L4 0 L2 AND (DNA (W) POLYMERASE (S) MIXTURE)

=> s l2 and (DNA (w) polymerase (w) mixture)
L5 0 L2 AND (DNA (W) POLYMERASE (W) MIXTURE)

=> s l2 and (polymerase (w) mixture)
L6 0 L2 AND (POLYMERASE (W) MIXTURE)

=> s RT-PCR and (polymerase) (S) mixture or combination
L7 1876456 RT-PCR AND (POLYMERSE) (S) MIXTURE OR COMBINATION

=> s RT-PCR and (polymerase) (S) mixture
L8 0 RT-PCR AND (POLYMERSE) (S) MIXTURE

=> s RT-PCR and (polymerase) (S) combination
L9 0 RT-PCR AND (POLYMERSE) (S) COMBINATION

=> s RT-PCR and (DNA (w) polymerase or Taq and pfu)
L10 2402 RT-PCR AND (DNA (W) POLYMERASE OR TAQ AND PFU)

=> s l10 and (random (w) primers)
L11 4 L10 AND (RANDOM (W) PRIMERS)

=> dup rem l11
PROCESSING COMPLETED FOR L11
L12 3 DUP REM L11 (1 DUPLICATE REMOVED)

=> d l12 1-3

L12 ANSWER 1 OF 3 LIFESCI COPYRIGHT 2005 CSA on STN
AN 2001:34180 LIFESCI
TI A novel usage of **random primers** for multiplex
RT-PCR detection of virus and viroid in aphids, leaves,
and tubers
AU Nie, X.; Singh, R.P.*
CS Potato Research Centre, Agriculture and Agri-Food Canada, PO Box 20280,
NB, E3B 4Z7 Fredericton Canada
SO Journal of Virological Methods [J. Virol. Methods], (20010101) vol. 91,

no. 1, pp. 37-49.

ISSN: 0166-0934.

DT Journal
FS Z; A; V
LA English
SL English

L12 ANSWER 2 OF 3 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
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AN 94268400 EMBASE

DN 1994268400

TI m1-m5 Muscarinic receptor distribution in rat CNS by RT-PCR and HPLC.

AU Wei J.; Walton E.A.; Milici A.; Buccafusco J.J.

CS Dept. of Pharmacology and Toxicology, Medical College of Georgia, Augusta, GA 30912-2300, United States

SO Journal of Neurochemistry, (1994) Vol. 63, No. 3, pp. 815-821.

ISSN: 0022-3042 CODEN: JONRA

CY United States

DT Journal; Article

FS 008 Neurology and Neurosurgery

029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 940921

Last Updated on STN: 940921

L12 ANSWER 3 OF 3 MEDLINE on STN

AN 93366996 MEDLINE

DN PubMed ID: 7689579

TI Detection of HIV-1 in serum, using reverse transcription and the polymerase chain reaction (RT-PCR).

AU Gibson K M; Mori J; Clewley J P

CS Virus Reference Division, Central Public Health Laboratory, London, UK.

SO Journal of virological methods, (1993 Jun) 43 (1) 101-9.

Journal code: 8005839. ISSN: 0166-0934.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; AIDS

EM 199309

ED Entered STN: 19931015

Last Updated on STN: 19970203

Entered Medline: 19930927



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101. ☐ **Identification of the α_{1C} -adrenoceptor in rabbit arteries and the human saphenous vein using the polymerase chain reaction • ARTICLE**
European Journal of Pharmacology: Molecular Pharmacology, Volume 268, Issue 3, 16 August 1994, Pages 393-398
 Nicole L. Diehl and S. Martin Shreeve
[Abstract](#)
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102. ☐ **Isoforms of the avian TrkC receptor: A novel kinase insertion dissociates transformation and process outgrowth from survival • ARTICLE**
Neuron, Volume 13, Issue 2, August 1994, Pages 457-472
 Andrew S. Garner and Thomas H. Larget
[Abstract](#)
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103. ☐ **The polycystic kidney disease 1 gene encodes a 14 kb transcript and lies within a duplicated region on chromosome 16 • ARTICLE**
Cell, Volume 77, Issue 6, 17 June 1994, Pages 881-894
 The European Polycystic Kidney Disease Consortium
[Abstract](#)
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104. ☐ **A reverse transcription-polymerase chain reaction study of p75 nerve growth factor receptor gene expression in developing rat cerebellum • ARTICLE**
International Journal of Developmental Neuroscience, Volume 12, Issue 4, June 1994, Pages 255-262
 Chu-Kuang Chen, Stephen L. Kinsman, David M. Holtzman, William C. Mobley and Michael V. Johnston
[Abstract](#)
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105. ☐ **The expression of rat brain voltage-sensitive Na⁺ channel mRNAs in astrocytes • ARTICLE**
Molecular Brain Research, Volume 23, Issues 1-2, April 1994, Pages 57-65
 Youngsuk Oh, Joel A. Black and Stephen G. Waxman
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1. ☐ **Transcriptional regulation of FABP expression in flight muscle of the desert locust, *Schistocerca gregaria* • ARTICLE**
Insect Biochemistry and Molecular Biology, Volume 28, Issue 9, September 1998, Pages 683-691
 Jun Zhang and Norbert H. Haunerland
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2. ☐ **Amplification and fusion of long fragments of hepatitis C virus genome • ARTICLE**
Journal of Virological Methods, Volume 68, Issue 2, November 1997, Pages 217-223
 Lian-Fu Wang, Marek Radkowski, Hugo Vargas, Jorge Rakela and Tomasz Laskus
[Abstract](#) | [Abstract + References](#) | [PDF \(661 K\)](#)

3. ☐ **Amplification and cloning of complete enterovirus genomes by long distance PCR • ARTICLE**
Journal of Virological Methods, Volume 65, Issue 2, May 1997, Pages 191-199
 A. Michael Lindberg, Charlotta Polacek and Susanne Johansson
[Abstract](#) | [Abstract + References](#) | [PDF \(936 K\)](#)

4. ☐ **Sodium channel mRNA in the B104 neuroblastoma cell line • ARTICLE**
FEBS Letters, Volume 384, Issue 1, 8 April 1996, Pages 78-82
 S. D. Dib-Hajj, A. W. Hinson, J. A. Black and S. G. Waxman
[Abstract](#) | [Abstract + References](#) | [PDF \(721 K\)](#)

5. ☐ **Current techniques in cell and molecular biology • ARTICLE**
Journal of Critical Care, Volume 10, Issue 3, September 1995, Pages 136-149
 Gregory P. Downey, Thomas K. Waddell, Takeyasu Fukushima and Andrea Sue-A-Quan
[Abstract](#)

6. ☐ **Upregulation of HIV-1 expression in cocultures of chronically infected promonocytes and human brain cells by dynorphin • ARTICLE**
Biochemical Pharmacology, Volume 50, Issue 5, 25 August 1995, Pages 715-722
 Chun C. Chao, Genya Gekker, Shuxian Hu, Wen S. Sheng, Philip S. Portoghesi and Phillip K. Peterson

[Abstract](#) | [Abstract + References](#) | [PDF \(916 K\)](#)

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7. ☐ **Rapid identification of flavivirus using the polymerase chain reaction • ARTICLE**
Journal of Virological Methods, Volume 41, Issue 3, March 1993, Pages 311-322
Mariko Tanaka
[Abstract](#)
-
8. ☐ **[35] Construction of primary and subtracted cDNA libraries from early embryos • ARTICLE**
Methods in Enzymology, Volume 225, 1993, Pages 587-610
Jay L. Rothstein , Dabney Johnson , Joel Jessee , Jacek Skowronski , Julie Adeloia , Davor Solter and Barbara Bknowles
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L16	1917	(PCR)same (random adj primers)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:49
L17	0	l16 and (polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:50
L18	26	l16 and (polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:54
L19	23	l16 and (proof adj reading)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:54

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(RT-PCR)same (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 13:52
L2	0	(RT-PCR)and (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:57
L3	20	(RT-PCR)and (DNA adj polymerase)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 13:56
L4	4234	(RT-PCR)and (mass adj spectrometry)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 13:56
L5	62	l4 and (polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:44
L6	4077	l4 and (mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:44
L7	0	l4 and fidelity	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:45
L8	95	l4 and proof adj reading	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:45
L9	0	(PCR)and (DNA adj polymerase adj mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:57
L10	43	(PCR)and (DNA adj polymerase) and (mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:58
L11	10789	(PCR)and (mass adj spectrometry)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:58
L12	2314	l11 and (polymerase same mixture)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 14:59
L13	33	l12 and (pre adj amplification)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:08
L14	132	(pre adj amplification)same (PCR)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:48
L15	13322	(PCR)same (random or hexamer adj primers)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/05 15:49